

ABSTRACT OF THE DISCLOSURE**APPARATUS AND METHODS FOR SEQUENTIALLY SCHEDULING A PLURALITY OF
5 COMMANDS IN A PROCESSING ENVIRONMENT WHICH EXECUTES COMMANDS
 CONCURRENTLY**

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10 A data processing system and method are disclosed for
scheduling a sequential execution of multiple commands. The data
processing system includes an environment which executes the
15 commands concurrently. Without scheduling, each of the commands
is executed in the environment without regard to a completion of
execution of any other ones of the commands. Execution of the
plurality of commands is scheduled in the environment so that the
20 commands execute sequentially in programming order. When the
commands are scheduled, a first one of the commands in the order
begins and completes executing prior to a second one of the
commands in the order beginning executing. When scheduled, the
commands execute in the environment sequentially in programming
25 order. In order to execute the commands sequentially, a process
is spawned within which to execute the command. The execution
status of the process is checked periodically by checking a
process table. When the process has completed executing, i.e.
when the command has completed executing, a new process is
spawned within which to execute the next command in the
sequential order.